First & Final Bill

DOR => 14.12.2018

M.A.R. 57 (Rule 116)

Measurement Book

Serial No.....

No. C/09 189640

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....M/S KRIDL.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of the work: Improvements and Repair works in Parks of Ward No: 14.						
	Estimate cost Rs 100.00 Lakhs						
	JOB code NO: 014-18-000074						
	AS NO:→ BBMP/EE/PD/AS/21/2017-18						
	TS NO:→ BBMP/CE/DZ/TS/296/2017-18						
	W.O NO:→ BBMP/EE/PD/W.O/0018/2017-18 dated 5/1/2018						

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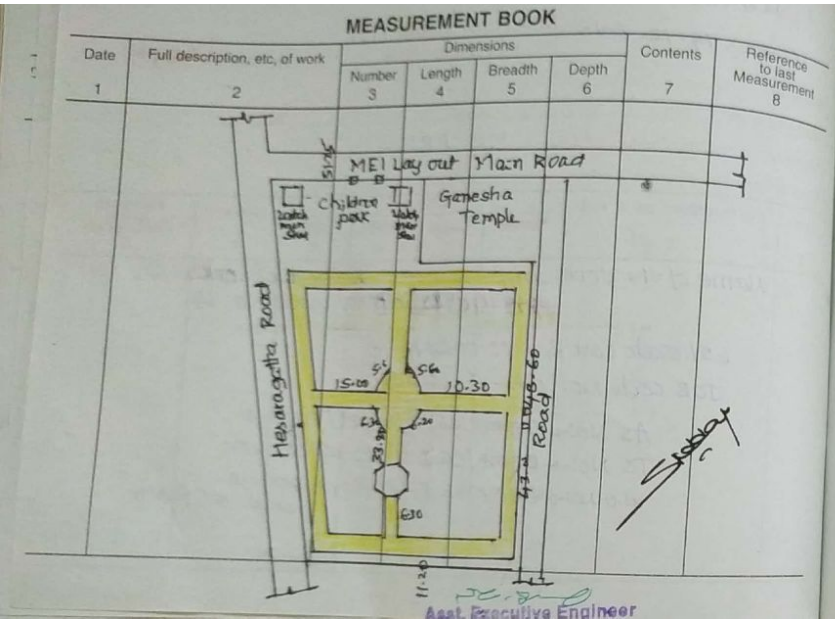
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 189641

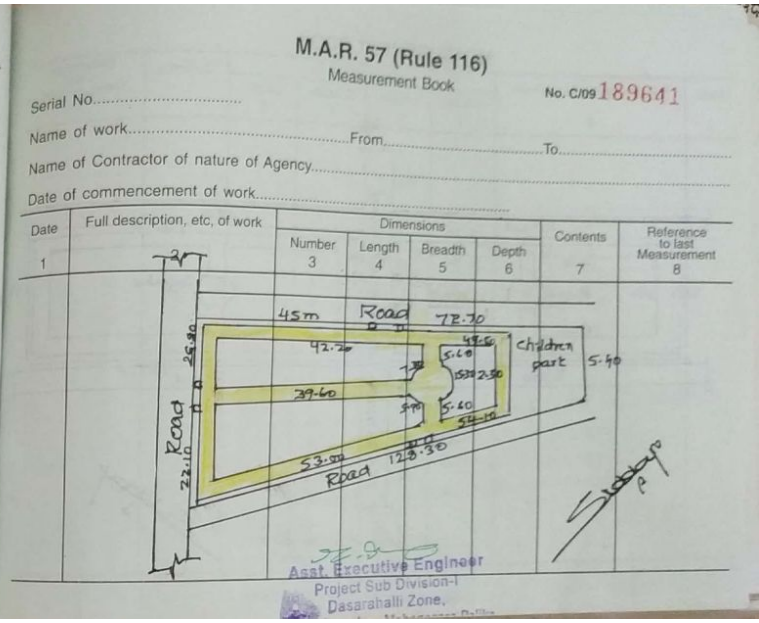
Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



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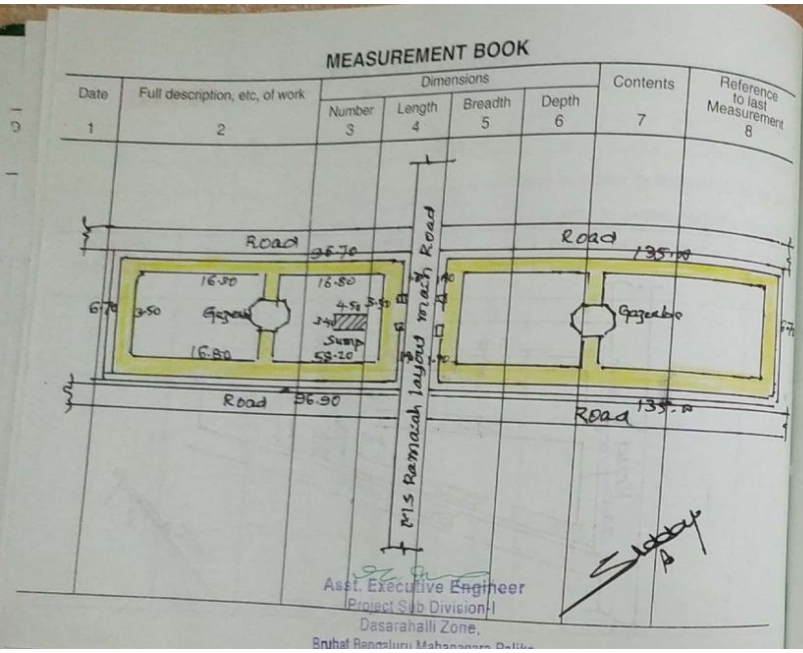
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palike

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 189642

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Dismantling Size stone masonry in clay mortar and stacking the size stone within a radious of 50m and removing the debris up to 200m BF Premeasurement Recorded in this MB vide page No: 189684 ; ie 17.55 M^3 @ Rate Rs 285.76/m^3 Rs 5015.09						
	2) Dismantling of expanded Metal or IRC Fabric with weld mesh necessary battern and beading etc including stacking the seviseable materials within 50m lead						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BF Premeasurement Recorded in this MB Vide page No: 189684 ie 465.25 M^2 @Rate Rs 117.28/-					Rs	54564=52
	3) Earth work excavation by manual means in hard soil involving an horizontal throw up to 2m and an average lift up to 1.5m excavated Surface is levelled and Sides neatly dressed. The disposed earth to be levelled neatly after breaking of clods. BF Premeasurement Recorded in this MB Vide page No: 189685 ie 449.1 M^3 @Rate Rs 222.04/m^3					Rs	99720=38
	4) Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs with 40mm and d/s graded granite metal machine mixed concrete laid in layers not exceeding 15cms thick well compacted etc complete as per specification.						

M.A.R. 57 (Rule 116)

189643

Measurement Book No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BF Premeasurement Recorded in this MB Vide page No: 149686 ie 142.10 M^3 @Rate Rs 5449.68/m^3					Rs	774399=53
	5) Providing and Constructing granite/trap/basalt Size stone masonry in basement with Cement mortar 1:6 edges of stones chisled dressed in courses not less than 15cms high bond stones at 2m apart in each course including Cost of material labour etc complete BF Premeasurement Recorded in this MB Vide page No: 189687 ie 108.36 m^3 @ Rate Rs 5405.40/m^3					Rs	585729=14

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	6) Providing TMT steel Reinforcement for RCC works including straightening, cutting, bending hooking and placing in position lapping/packing wherever required tying with adjacent reinforcement with binding wires etc complete as per specification						
	BF Measurement Recorded in this MB vide page No: 189687						
	ie 0.44 tonnes @ Rate Rs 64243.42/- Rs						28,267.10
	7) Providing and laying in position plain cement concrete of mix M-20 with OPC cement @ 320 kgs with 20mm & d/s graded granite metal machine mixed concrete laid in layers not exceeding 15cms thick well compacted including cost of materials labour, curing etc complete as per specification.						

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

189644

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Coping on SSR damaged portion.						
	Ganesha Temple park	2	5.00	0.45	0.10	0.45	
		1	10.00	0.45	0.10	0.45	
	MEI Layout park	1	8.00	0.45	0.10	0.36	
		1	7.00	0.45	0.10	0.32	
	Ramaiah layout H/park	1	10.00	0.45	0.10	0.45	
	Ramaiah layout R/park	1	8.00	0.45	0.10	0.36	
		1	7.00	0.45	0.10	0.32	
		1	5.00	0.45	0.10	0.23	
	For Fencing pole Boxes:						
	Ganesha Temple park	30	0.45	0.45	0.40	2.43	

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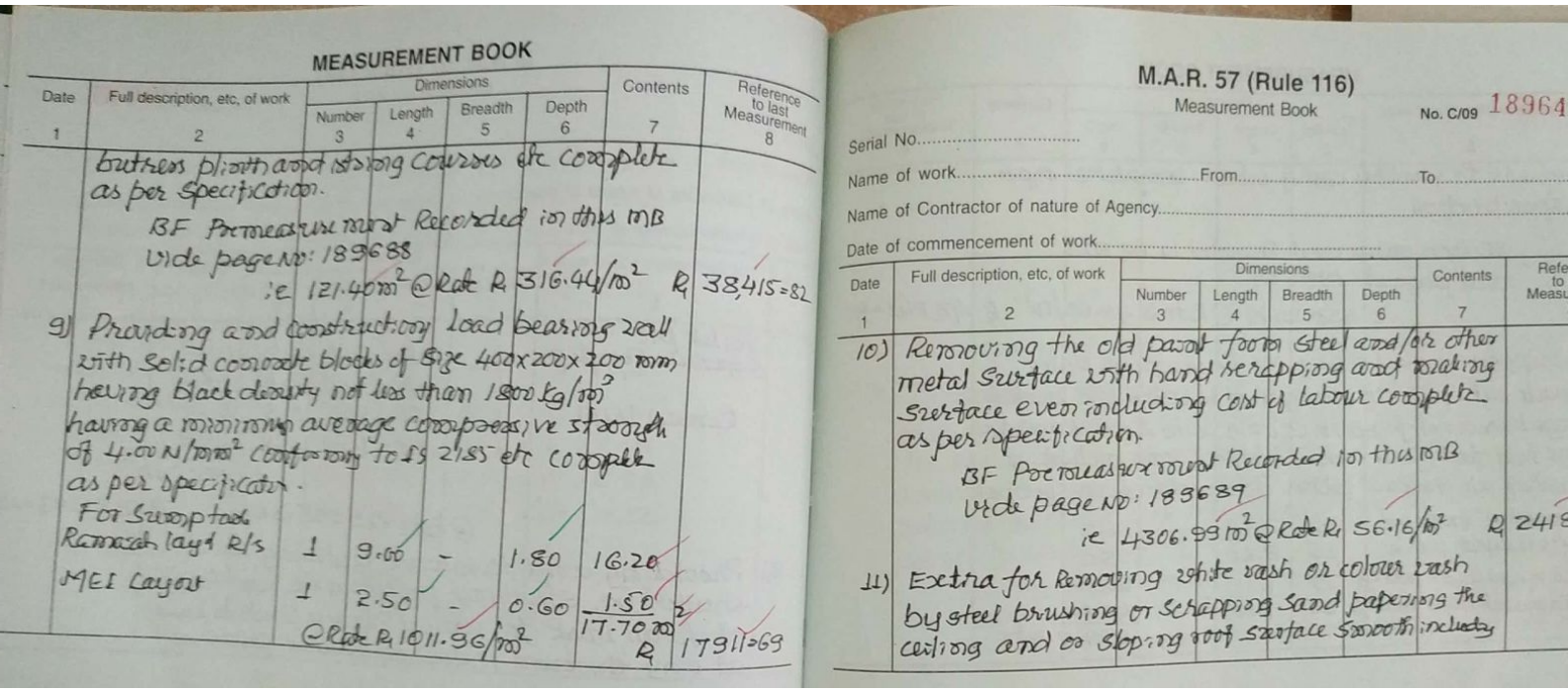

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	buttress plinth and string courses etc complete as per Specification.						
	BF Premeasurement Recorded in this MB vide page No: 189688						
	ie 121.40 m² @ Rate Rs 316.44/m²					Rs	38,415=82
9)	Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not less than 1800 kg/m³ having a minimum average compressive strength of 4.00 N/mm² conforming to IS 2185 etc complete as per specification.						
	For Swimming pool						
	Ramaiah layout R/s	1	9.60	-	1.80	16.20	
	MEI Layout	1	2.50	-	0.60	1.50	
	@ Rate Rs 1011.96/m²					17.70 m² Rs	17911=69

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 18964

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Refe to Measu
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
10)	Removing the old paint from steel and/or other metal surface with hand scrapping and making surface even including cost of labour complete as per specification.						
	BF Premeasurement Recorded in this MB vide page No: 189689						
	ie 4306.99 m² @ Rate Rs 56.16/m²					Rs	241
11)	Extra for removing white wash or colour wash by steel brushing or scrapping sand papering the ceiling and or sloping roof surface smooth including						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	28.10	–	0.80	44.96	
						167.50 m^2	
		@ 30 kg/m^2 => 5025 kgs.					
		@ Rate Rs 171.72/kgs				Rs 862893=00	
16	Providing 20mm thick cement plaster to single coat with cement mortar 1:3 to to stone masonry and concrete surface including rounding off corners wherever required Smooth rendering including providing and removing scaffolding cost of materials labour etc complete.						
	For Bench plot from						
	Ganesha Temple park	15	2.50	1.00	–	37.50	
	Sides	15	7.00	–	0.20	21.00	
	MEI Layout park	17	2.50	1.00	–	42.50	
	Sides	17	7.00		0.20	23.80	

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M.A.R. 57 (Rule 116)

Measurement Book No. C/09 189649

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ramaiah layout park R/s	10	2.00	1.00	–	20.00	
	Sides	10	6.00	–	0.20	12.00	
	Ramaiah layout park L/s	8	2.00	1.00	–	16.00	
	Sides	8	6.00	–	0.20	9.60	
	Sweep track						
	Top & bottom	2	2.75	1.50	–	9.90	
	wall	1	9.00	–	1.80	16.20	
						208.50 M^2	
		@ Rate Rs 279.72/m^2				Rs 58321-62	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Grill Compound	2x2	30.00	–	0.80	96.00	
	MEI Layout Park	2	11.00	–	1.50	33.00	
		2	30.00	–	1.50	90.00	
	Grill work in park						
	Ganesha Temple pe	2x14	30.00	–	0.80	672.00	
		2x1	15.00	–	0.80	24.00	
	Gazeeba						
	Ganesha Temple 3 NOS	8x3	0.52	–	2.50	31.20	
		2x3	5.80	–	0.20	6.96	
		8x3	2.50	–	0.20	12.00	
		8x3	3.50	–	0.20	16.80	
	MEI Layout park 2 NOS	8x2	0.52	–	2.50	20.80	
		2x2	5.80	–	0.20	4.64	
		8x2	2.50	–	0.20	8.00	
		8x2	3.50	–	0.20	11.20	
	Ramaiah Layout for R/S 1 NO	8x1	0.52	–	2.50	10.40	
		2x1	5.80	–	0.20	2.32	

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 189651

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		8x1	2.50	–	0.20	4.00	
	Ramaiah layout L/S 1 NO	8x1	3.50	–	0.20	5.60	
		8x1	0.52	–	2.50	10.40	
		2x1	5.80	–	0.20	2.32	
		8x1	2.50	–	0.20	4.00	
		8x1	3.50	–	0.20	5.60	
	Light poles						
	Ganesha Temple	15	0.30	–	2.50	11.25	
	MEI Layout	15	0.30	–	2.50	11.25	
	Ramaiah layout	15	0.30	–	2.50	11.25	
	Gate MEI layout 2 NO	4	3.00	–	2.00	24.00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Ramaiah layt L/s	5	8.00	–	40.00		
		2	7.00	–	14.00		
		6	6.00	–	36.00		
		8	5.00	–	40.00		
		2	4.00	–	08.00		
		9	3.00	–	27.00.		
	Ramaiah layt R/s	6	8.00	–	48.00		
		5	7.00	–	35.00		
		2	6.00	–	12.00		
		2	5.00	–	10.00		
		10	4.00	–	40.00.		
	Shiva Temple Near	2	10.00	–	20.00		
					573.00		
	573/0.45 ⇒ 1273.33 Nos						
	@ Rate Rs 338.04/each					Rs	430436-47

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 189656

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
24)	Painting two coats after filling the surface with Synthetic enamel paint in approved shades on new plastered concrete surface with materials labour complete as per specification.						
	Ganesha temple Pad Kerb	4	30.00	–	0.55	66.00	
		1	10.00	–	0.55	5.50	
	MEI Layat Pad	3	30.00	–	0.55	49.50	
		1	23.00	–	0.55	12.65	
	Ramaiah layat pad L/s	5	30.00	–	0.55	82.50	
		1	15.00	–	0.55	8.25	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
29)	Joint Bench made out of Sadarahalli grey Stone with stone legs with back supporter with 150 mm slab with 4 Line finishing						
	Ganesha Temple per MEI Layout pas	21 17 4					
		42 Nos @ Rate Rs 10,500/-				Rs	4,41,000=00
30)	Construction brick masonry inspection chamber 450 x 450 mm and 450 mm deep for NB Single pipe line using table moulded non modular bricks of class designation 50 in cement mortar 1:6 CI cover with frame heavy duty etc complete as per specification.						
	MEI Layout pas	2 Nos @ Rate Rs 7604.28				Rs	15208=56

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

189694

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
31)	PVC pipe 10 kg/cm² 110 mm outer dia						
	For Ganesha Temple pas	4	10.00	– 40.00 Rmt			
		@ Rate Rs 510/mt				Rs	20,400=00
32)	Providing and fixing of Windows made of pre painted steel (base steel as per IS 513 of 0.58 mm thick galvanized as per IS 277 with zinc of 120 gm) primer coated with epoxy primer of 5-7 microns thick finish painted with a polyster paint of 12-15 microns etc complete as per specification.						

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MEASUREMENT BOOK

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	New 2 windows						
	Ganesha temple pan	4	1.20	-	1.30	6.24	
	MEI Layout park	2	1.20	-	1.30	3.12	
						9.36 m²	
	@ Rate Rs 4962.60/m²					Rs 46449-94	
3)	Providing and fixing 1 mm thick MS sheet garage door with Sqm frame and diagonal braces of size 40x40x6 mm angle iron 3.15 mm thick MS gusset plate at the junctions and corner with handle stoppers and locking arrangements etc including applying a priming coat etc complete as per specification.						
	New Door						
	Ganesha Temple pan	1	0.90	-	2.10	1.89 m²	
	@ Rate Rs 2518.56/-					Rs 4760.08	

M.A.R. 57 (Rule 116)

Measurement Book

1896

No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Ref to Meas
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	
34)	Providing 12 mm Brick mortar of mix 1:3 including cost of all materials, Labour charges Hire of machinery complete as per specification.						
	Ganesha Temple pan	2	4.35	3.10	0.10	2.70	
		2	1.52	1.50	0.10	0.48	
		1	4.35	3.10	0.10	1.35	
		1	1.52	1.50	0.10	0.23	
						4.73 m³	
	@ Rate Rs 3061.80/m³					Rs	1448

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Grand Total Rs. 97,09,455=30						

Certificate

1. Certify that the Contractor completed the work Satisfactorily
2. Certify that there is no dispute pending issues to Contractor's claim
3. Certify that the Contractor cleared all debris @ work spot

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Greater Bengaluru Mahanagara Palike

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

14.12.2018

M.A.R. 57 (Rule 11(

Measurement Book

J. C/09 189697

Serial No.....

Name of work..... From..... To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Gross	9709455-	
					IT	194190-	
					Swc	97095-	
					FSD	485473-	
					CSF	10000	
					CnST	86692-	
					8951	86692-	
					Fine	4075-	
					Ry	27233	
						991450-	
					Ded	8718005-	
					not		

Audited and admitted for Rs. 9709455/-

Passed by Cheque for Rs. 8718005/- Eighth

Seven lakhs eighteen thousand and five only

991450/-

by accountant

Superintending Engineer

Executive Engineer

BBMP Divisional Office

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